Serial No. 10/642,584

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Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- A multi-phase alternating-current (CURRENTLY AMENDED) 1. rotational electric machine comprising:
 - a housing,
 - a rotor shaft rotatably installed in the housing,
 - a magnetized rotor fixed to the rotor shaft,
- a stator which is arranged such that the windings of the stator coil are wound around the stator core fixed to the housing,
- multiple semiconductor switching devices, installed in the housing, which adjust currents of the stator, and
- e heat sinks fixed to the respective semiconductor switching devices so that heat can be conducted, wherein

the semiconductor switching devices are electrically insulated from the heat sinks, and the heat sinks are grounded to the housing as well as thermally completely separated in each phase into positive and negative U.V. and W phases.

- 2. (CURRENTLY AMENDED) A multi-phase alternating-current rotational electric machine comprising:
 - a housing,
 - a rotor shaft rotatably installed in the housing,
 - a magnetized rotor fixed to the rotor shaft,
 - a stator which is arranged such that the windings of the stator coil